



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 5  
77 WEST JACKSON BOULEVARD  
CHICAGO, ILLINOIS 60604**

**SUBJECT:** CLEAN AIR ACT INSPECTION REPORT  
Southwestern Energy (SWN) Fineran Well Pad

**FROM:** Jacob Herbers, Environmental Engineer  
AECAB (MI/WI)

**THRU:** Sarah Marshall, Section Supervisor  
AECAB (MI/WI)

**TO:** File

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**BASIC INFORMATION**

**Facility Name:** Southwestern Energy (SWN) Fineran Well Pad

**Facility Location:** 21019 Oxford Rd Salesville, Ohio 43778 (40.028632, -81.346544)

**Date of Inspection:** August 30, 2022

**EPA Inspectors:**

1. Jacob Herbers, Environmental Engineer
2. Victoria Nelson, Environmental Engineer
3. Laura Neudorf, Environmental Engineer

**Other Attendees:**

1. Tyler Bryant, Senior Environmental Specialist, SWN
2. George Gallagher, Operator, SWN

**Contact Email Address:** Clay\_Murral@swn.com

**Purpose of Inspection:** To assess compliance with the facility's Permit-to-Install and Operate (PTIO) and the Clean Air Act

**Facility Type:** Oil and gas well pad

**Regulations Central to Inspection:** NSPS Subpart OOOO/OOOOa - Standards of Performance for Crude Oil and Natural Gas Facilities

**Arrival Time:** 09:45 EDT  
**Departure Time:** 10:30 EDT

**Inspection Type:**

- ☐ Unannounced Inspection
- ☒ Announced Inspection

**OPENING CONFERENCE**

- ☒ Presented Credentials
- ☒ Stated authority and purpose of inspection
- ☒ Small Business Resource Information Sheet not provided. Reason: Not a small business
- ☒ Provided CBI warning to facility

The following information was obtained verbally from Clay Murrall, Tyler Bryant, and George Gallagher, unless otherwise noted.

**Company Ownership:** This well pad, along with several others in Ohio, was constructed by Eclipse Resources and began production in 2017. In 2019, Eclipse merged with Blue Ridge Resources to create Montage Resources, which was bought by SWN in 2020.

**Process Description:**

At the well pad, an oil/gas/water emulsion is extracted from the formation through five wells that each flow into a sand trap, a gas processing unit, and a three-phase separator. From there, sand and water are dumped into two large utility tanks, and the gas, oil/condensate, and produced water are sent into three individual lines. A blowcase unit enclosed in a small building manages the pressures of the oil/condensate and produced water lines, and four electric catalytic heaters maintain the temperature of the enclosed blowcase. The effluents are transported to EnLink Midstream's Borton gathering station, located approximately 2 miles east.

**Staff Interview:** Facility staff did not have all the information about the operations of the enclosed blowcase and couldn't say why two of the catalytic heaters were covered by blankets/tarps. Staff also said the utility tanks are not controlled.

**TOUR INFORMATION**

**EPA Tour of the Facility:** Yes

**Data Collected and Observations:**

EPA inspectors observed two small boxes partially enclosing a pipe, while covered by blankets/tarps, all inside the enclosed blowcase building. EPA observed potential emissions coming from the blowcase pumps on the FLIR camera.

**Photos and/or Videos:** were taken during the inspection.

**Field Measurements:** were not taken during this inspection.

**CLOSING CONFERENCE**

☒ Provided U.S. EPA point of contact to the facility

**Concerns:** EPA expressed concern about the potential emissions from the blowcase unit.

**DIGITAL SIGNATURES**

Report Author: \_\_\_\_\_

Section Supervisor: \_\_\_\_\_

**Facility Name:** Southwestern Energy (SWN) Fineran Well Pad  
**Facility Location:** 21019 Oxford Rd (Wills Township) Salesville, Ohio 43778  
**Date of Inspection:** August 30, 2022

**APPENDIX A: DIGITAL IMAGE LOG**

<b>1. Inspector Name:</b> Laura Neudorf	<b>2. Archival Record Location:</b> Region 5 Electronic Records Center
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<b>Image #</b>	<b>File Name</b>	<b>Date and Time</b>	<b>Description of Image</b>
1	IMG_0102.JPG	8/30/2022 10:27 EDT	Enclosed Blowcase, including covered equipment, heaters, and tanks.

**APPENDIX B: DIGITAL VIDEO LOG**

<b>1. Inspector Name:</b> Victoria Nelson	<b>2. Archival Record Location:</b> Region 5 Electronic Records Center
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<b>Video #</b>	<b>File Name</b>	<b>Date and Time</b>	<b>Description of Video</b>
1	MOV_2821.mp4	8/30/2022 10:20 EDT	FLIR video of electric heater in the building housing the blowcase unit. Same heat signature on both heat sources.
2	MOV_2822.mp4	8/30/2022 10:22 EDT	FLIR video of covered equipment (front) on blowcase unit showing potential emissions
3	MOV_2823.mp4	8/30/2022 10:24 EDT	FLIR video of covered equipment showing potential emissions, and towers on blowcase unit.